

**21-120 Differential and Integral Calculus, Summer II, 2004**

**ASSIGNMENT 14** Due 7/22/04, Thursday

**Section 4.4** 45. 51.

**Section 4.5** 9. 12.

**Note:** In the last problem (problem 12); you should get the second derivative

as

$$f''(x) = \frac{2x(x^2 + 27)}{(x^2 - 9)^3}$$